

# **HMED C122: The Rise of Modern Medicine 1650-1900**

## **2003-2004: Monday's 11am-12noon – Lecture Room**

**Dr C.J. Lawrence**

The course comprises 20 lectures. Two essays are required and each will count for 25%. An Exam consisting of four questions in two parts will count for 50%.

### **LECTURE SCHEDULE AND READING ASSIGNMENTS**

#### **Required Reading:**

Lawrence, Christopher *Medicine in the making of modern Britain 1700-1920*, London, Routledge, 1994. (Hereafter *Making*)

Bynum, W.F. *Science and the practice of medicine in the nineteenth century*, Cambridge, Cambridge University Press, 1994. (Hereafter *Practice*)

Bernard, Claude *An introduction to the study of experimental medicine*, any edition

#### **Invaluable Reading**

Lane, Joan *A social history of medicine*, London, Routledge, 1994. (Hereafter *Social*)

#### **Articles and Chapters**

§ Xeroxed handouts

\* Xeroxed articles in loan collection. These may only be borrowed overnight

# articles in books in the following bibliography are invaluable

¥ additional reading also in the bibliography

These books are in the Loan Collection.

Ackerknecht, E. *Medicine at the Paris hospital*, The Johns Hopkins Press, 1967

Berliner, H., *A system of scientific medicine*, Tavistock, 1985

Bynum, W.F. and Roy Porter (eds.), *William Hunter and the eighteenth century medical world*, Cambridge, 1985.

Bynum, W.F. and Roy Porter, *Companion encyclopedia of the history of medicine*

Cartwright, F.F. *A social history of medicine*, Longman 1977

Chadwick, Edwin *Report on the Sanitary Condition...*, 1842 (1965) Introduction by M.Flinn

Coleman, William *Biology in the nineteenth century*, Cambridge, 1971

Finer, S.E *The life and times of Sir Edwin Chadwick*, 1952

French, Roger and Andrew Wear *British medicine in an age of reform*, Routledge, 1991.

Granshaw, Lindsay and Roy Porter *The hospital in history*, Routledge, 1989

Hamilton, D. *The healers*, Edinburgh, Canongate, 1981

Lawrence, Christopher *Medical theory, surgical practice*, Routledge, 1992

Lesch, J. *Science and Medicine in France*, Harvard, 1984

Loudon, Irvine *Medical care and the general practitioner*, Oxford, 1986.

Mason, S.F. *A history of the sciences* (many editions).

Morris, R.J. *Cholera*, 1832.

Passmore, John *The perfectibility of man*, London, 1972.

Porter, Roy *Disease, medicine and society in England 1550-1860*, Basingstoke, Macmillan Education, 1987.

Ramsay, Mathew *Professional and popular medicine in France 1770-1830*, 1988

Reiser, Stanley Joel *Medicine and the reign of technology*, CUP, 1978

Richardson, Ruth *Death, Dissection and the Destitute*, RKP, 1988

Risse, G. *Hospital life in Enlightenment Scotland*, CUP, 1986

Shryock, Richard *The development of modern medicine*, Wisconsin, Reprint, 1979

Vess, D. *Medical Revolution in France*, Florida, 1975.

Vogel, M.J. and C. Rosenberg *The therapeutic revolution*, Philadelphia, University of Pennsylvania Press, 1979

Waddington, Ivan *The medical profession in the Industrial Revolution*, Dublin, 1984.

Wangansteen, Owen and Sarah *The rise of surgery*, Minnesota, 1978.

## TERM ONE

### 1. Introduction

### 2. Practitioners

- # Lawrence, *Making*, Chapter 1
- # Cartwright, Chapters 2 and 3
- ¥ Loudon, Chapters 1 to 5
- ¥ Waddington, Part 1

### 3. Practice

- # Reiser, Chapter 1
- # Rosenberg, 'Therapeutic Revolution' in Vogel and Rosenberg,
- \* N.D. Jewson, 'Medical knowledge and the patronage system in eighteenth century England', *Sociology*, 1974, 8: 369-385.

### 4. The Enlightenment

- # Mason, Chapter 24
- ¥ Passmore, *Perfectibility*, Chapters 8 and 9

### 5. The Hospital

- # Porter 'Gift relationship' in Granshaw and Porter
- ¥ Risse, *Hospital Life*, Chapter 2

### 6. Reading Week

### 7. The Scots and the Londoners

- # Lawrence, 'Artisans' in Bynum and Porter, *William Hunter*
- # Porter, 'William Hunter' in Bynum and Porter, *William Hunter*
- ¥ Hamilton, Chapter 4
- ¥ Gelfand, 'Surgeons' in Bynum and Porter, *William Hunter*

**8.     Bedside Medicine**

§     Xeroxed handout

**9.     Life**

Bynum, *Practice*, Chapters 1 and 2.

¥     Lesch, Chapter 3

**10.    Hospital Medicine (1)**

Lawrence, *Making*, Chapter 2

#     Reiser, Chapter 2

¥     Ackerknecht, Chapters 1-7

¥     Lesch, Chapters 2-4

¥     Ramsay, Part 1

¥     Vess

## TERM TWO

### 11. Hospital Medicine (2)

- \* Waddington, Ivan 'The role of the hospital in the development of modern medicine: a sociological analysis', *Sociology*, 1973, 1: 211-224.
- \* Temkin, O. 'The role of surgery in the rise of modern medical thought', *Bull. Hist. Med.*, 1951, 25: 248-59.

### 12. Practitioners

- # Lawrence, S in French and Wear
- ¥ Richardson in French and Wear
- ¥ Loudon, Chapters 6 to 14 (especially 6,7, & 8)
- ¥ Waddington, Chapters 1 to 6

### 13. Cellular Physiology and Pathology

- # Bynum, *Practice*, Chapter 4
- # Reiser, Chapter 4
- ¥ Shryock, Chapters 6-10

### 14. Social Medicine (1)

- # Lane (*Social*) Chapter 3.
- # Shryock, Chapters 3 and 12
- # Cartwright, Chapters 4, 5, 6 and 7
- # Chadwick, Introduction by Flinn
- ¥ Finer
- ¥ Richardson
- ¥ Eyler

### 15. Fever: Miasmas and Germs

- # Bynum, *Practice*, Chapter 3
- \* Christopher Hamlin, 'Providence and Putrefaction', *Victorian Studies*, 1985 28: 381-411.
- ¥ Morris

**16. The Surgeons**

- # Tröhler in *Companion encyclopedia*
- # Lawrence, 'Divine democratic and heroic' in Lawrence, *Medical theory*, 1992
- ¥ Wangansteen, Chapters 17 to 20

**17. Reading Week.**

**18. Experimental Medicine**

- § Xeroxed handout
- # Reiser, Chapters 5 and 6

**19. Claude Bernard**

**20. The Germ Theory**

- Lawrence, *Making*, Chapter 3
- # Gelfand in Bynum and Porter, *Companion*
- # Berliner, Chapters 7 and 8